



# भारत का राजपत्र

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No. 47] NEW DELHI, SATURDAY, NOVEMBER 23, 1968 (AGRAHAYANA 2, 1890)

इस भाग में चिन्ह पृष्ठ संख्या ही जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 23rd November 1968

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

2nd November 1968

118397. Sandoz Ltd. Process for dyeing or printing.

118398. Verson Allsteel Press Company. Transfer assembly for presses.

118399. Verson Allsteel Press Company. Inner and outer races for a roller bearing and method and apparatus for making same.

118400. Veb Starkstrom-Anlagenbau Erfurt. Electronic detection apparatus with directional decision. (26th January 1968).

118401. J. M. Parekh. Improvement in or relating to switch-gear.

118402. Rometa A.G. Improvements in burners. (1st May 1968).

118403. Radio Foundation Engineering Ltd., and Hazarat &amp; Co. Construction of concrete diaphragm walls.

118404. Imperial Chemical Industries Limited. Compositions (3rd November 1967).

118405. Porous Plastics Limited. Improvements relating to water vapour permeable flexible sheet materials. [Addition to No. 101113]. [Divisional date 4th March 1967].

118406. May &amp; Baker Limited. Chicken feedstuffs and concentrates therefor. (13th May 1966). [Divisional date 11th May 1967].

4th November 1968

118407. Tapan Sarkar. Positive drive multipurpose rotary machine.

118408. Hindustan Lever Limited. Detergent manufacture. (9th November 1967).

118409. B. D. H. Chemicals Limited. Organic compounds. (15th November 1967).

118410. P. K. Padala. Cycle torch light holder.

118411. De Vlieg Machine Company. Tool loading device for machine tools. (19th September 1968).

118412. Shell Internationale Research Maatschappij N. V. Improvements in or relating to lubricant compositions. (6th November 1967).

118413. P. B. Fonden and K. O. T. Walander. Runaway-preventing device for aeroplanes.

118414. P. B. Fonden and K. O. T. Walander. Device for braking a landing aircraft.

118415. K. O. T. Walander. Arresting device for aircraft.

118416. Tenco Brooke Bond Limited. Instant tea composition and process for the preparation thereof. (22nd November 1967).

118417. Chas. Pfizer &amp; Co. Inc. Enzyme purification process. (18th January 1968).

118418. Ing. A. Maurer S. A. and Buss A. G. Process for the continuous xanthation of alkali cellulose.

118419. Ing. A. Maurer S. A. and Buss A. G. Process and equipment for the continuous production of viscose.

118420. National Distillers and Chemical Corporation. Resistance of olefin polymers to heat deterioration.

118421. William Hart and Company Limited. Improvements in or relating to lifejackets. (16th December 1967).

118422. Merlin Gerin. Electric vehicles with linear motors.  
 118423. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of benzodiazepine derivatives.  
 118424. G. M. Churi. A device for antiprofing floor based provision cupboards.  
 118425. Jyoti Limited. Improvements in or relating to voltage regulators for synchronous alternators.  
 118426. Jyoti Limited. Improvements in or relating to power factor regulator for a synchronous motor and a synchronous convertor.

5th November 1968

118427. Kobe Steel Ltd. Hydrogen sulfide removal.  
 118428. Southington Manufacturing, Inc. Mulling apparatus.  
 118429. Southington Manufacturing Inc. Mulling apparatus.  
 118430. E. I. Du Pont De Nemours and Company. Contact lens.  
 118431. V. D. Roosa. Fuel dispensing apparatus.  
 118432. Ckd Praha, Oborovy Podnik. Improvements in or relating to semiconductor devices.  
 118433 Chas Pfizer & Co., Inc. Process for preparing 2-amino-6, 7-disubstituted-4H-1, 3-benzothiazine-4-ones.  
 118434. Chas Pfizer & Co. Inc. Heterocycloimidazoles and method for their preparation. (25th March 1968).  
 118435. Albiswerk Zurich A. G. Improvements in or relating to terminal connector arrangements for electric discharge tubes. (21st August 1968).  
 118436. Colgate-Palmolive Company. Aerosol dispenser attachment for incorporating additives into spray composition.  
 118437. Alcan Research and Development Limited. Aluminium-zinc magnesium alloys.  
 118438. Ciba Limited. Process for the manufacture of  $\Delta^2$ -2-oxo-a-nor-steroids.  
 118439. The Metal Box Company of India Limited. Improvements in or relating to tamperproof fitments for containers.  
 118440. Union Carbide Corporation. Treatment of inorganic substrates.  
 118441. Teijin Limited. Apparatus for mixing fluids in conduits.  
 118442. Bracco Industria Chimica Societa per Azioni. New process for the preparation of an ethylene diamine compound.  
 118443. Maschinenfabrik Rieter A. G. Spinning of staple fibres. (13th February 1968).  
 118444. Carding Specialists Canada Limited. Apparatus for detaching batches or layers of cotton from a bale or the like.  
 118445. Zenkoku Rakunogyokyodokumiai Rengokai and S. Matsuoka. Improvement in or relating to the feed-stuff.

6th November 1968

118446. Mrs. Narcis Samy Engineer. Improvements in and relating to steam generators for beauty treatments and steam baths.  
 118447. Council of Scientific and Industrial Research. A process for production of new insecticidal factor from technical-bhc and utilization of waste product after isolation of lindane.  
 118448. K. Sundararajan. Single phase preventor and automatic starter when phase failure is restored.  
 118449. Veb Elektro-Apparate-Werke Berlin-Treptow. Contact arrangement for electrical switches.  
 118450. Ciba Limited. New hypocalcaemically active peptides and process for their manufacture.  
 118451. Gould-National Batteries, Inc. Improved process for forming positive plates for lead acid batteries.

118452. The Dunlop Company Limited. Improvements in stacking devices. (15th November 1967).  
 118453. Norsk Hydro-Elektrisk Kvaestofaktieselskab. Centrifuge for spraying liquid material to be prilled. (28th December 1967).  
 118454. Aktiebolaget Svenska Kullagerfabriken. Spiral groove bearing for carrying thrust loads or combined thrust and radial loads.  
 118455. Universal Oil Products Company. Plastic strainer device.  
 118456. Dr. Beck & Co., Ag. Water-soluble estermide resins.  
 118457. J. R. Geigy A. G. Certain hexahydrobenzo [b] quinolizines and process.  
 118458. P. J. Parr. Machine for squeezing out juice from grapes.

7th November 1968

118459. Ajay Kumar Ghosh. Remote control door latch (electrical and/or mechanical).  
 118460. The Dunlop Company Limited. Improvements relating to rubber mountings and to tandem axle vehicle suspensions comprising such mountings. (16th November 1967).  
 118461. Imperial Metal Industries (Kynoch) Limited. Apparatus for reducing the thickness of metal. (9th November 1967).  
 118462. Dr. Karl Thomae GmbH. Novel 2-amino-5-nitro-thiazoles substituted at the amino group and process for their production.  
 118463. Aktiebolaget Kamyr. Cellulose bleach tower with means for spreading a bleaching agent therein.  
 118464. Instituto De Investigaciones Terapeuticas S. A. Process for the preparation of a derivative of ethylene diamine.

6th May 1968

118465. Siemens Aktiengesellschaft. Method of producing electric machines.  
 118466. A. G. Ruznetsova, S. A. Golubtsov and V. I. Ivanov. Method for the production of methylphenylcyclotriphosphazanes and tetrasiloxanes.  
 118467. Kharkovsky Vagonoremontny zavod. Installation for painting surfaces.  
 118468. Farwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brunning. Formamidine compounds of diphenyl-sulfone and process for their manufacture.  
 118469. Villamos Berendezes Es Keszulek Muvek. Switch of high current-intensity with fixed and moving contacts.  
 118470. Ciba Limited. New  $\alpha$ -phenyl-fatty acid compounds.  
 118471. Kalle Aktiengesellschaft. Improvements in and relating to light-sensitive mixtures and recording materials produced therefrom.  
 118472. Montecatini Edison S.p.A., F. Gialdi, R. Ponci and A. Baruffini. Herbicidal compositions.

118473. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to insulated field effect transistors. (9th November 1967).  
 118474. N. V. Philips' Gloeilampenfabrieken. New adamantylene compounds.

8th November 1968

118475. Council of Scientific and Industrial Research. A mango segment peeler.  
 118476. Council of Scientific and Industrial Research. Methods of preparing isocyanates, mono and polyureas from pentadecenyl phenol (anacardol) and their uses.  
 118477. Council of Scientific and Industrial Research. A solvent coating composition for the production of carbon paper.

118478. Council of Scientific and Industrial Research. Improvements in or relating to chromate primers.

118479. A. Kumar. Rotary internal combustion engine.

118480. M. V. Shiddhaye and S. M. Shiddhaye. A combined pastry cutter and peeler as kitchen gadget.

118481. Parke, Davis & Company. New heterocyclic amine compounds and methods for their production. (9th November 1967).

118482. Aktiebolaget Bofors. Precipitation-hardening austenitic steel.

118483. Miles Laboratories, Inc. Reflectance meter.

118484. Abbott Laboratories. Therapeutic inhaler.

118485. The Dunlop Company Ltd. Pneumatic tyres and apparatus for the manufacture thereof. [Divisional date 2nd August 1967].

118486. Siemens Aktiengesellschaft. Plug-in connector for heavy current applications.

118487. Matsushita Electronics Corporation. Semiconductor device and method of manufacturing same.

118488. J. P. Palkhiwala. A centrifugal clutch.

118489. D. G. Fiol. Three-wheeler motor cycle converted from a two-wheeled motor cycle.

118490. A/S Thomas Ths, Sabroe & Co. Pressure control valve for refrigeration compressors and method of employing the pressure control valve.

118491. N. V. Philips Gloeilampenfabrieken. Luminescent screen.

#### Alteration of Date

116174. Ante-dated to 18th May 1967 under Section 5 of the Act.

116348. Ante-dated to 25th July 1967 under Section 5 of the Act.

109286. The priority date has been altered from 25th March 1966 to 23rd March 1966.

109695. The claim to priority date 14th March 1966 has been abandoned and the application dated as of 13th March 1967, the date of filing in India.

109839. The claim to priority date 22nd March 1966 has been abandoned and the application dated as of 21st March 1967, the date of filing in India.

110784. The claim to priority date 27th May 1966 has been disallowed and the application dated as of 23rd May 1967, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the Office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

109119. Monsanto Company.  $\alpha$ -chloroacetamides and phytotoxic compositions. Accepted on 31st October 1968.

*Comprises an adjuvant and as active ingredient an N-(cycloalken-1-yl)  $\alpha$ -chloroacetamide in which the said active ingredient is present in an amount from 0.5% to 95% by weight.*

109122. H. Weiste. Device for sowing corn and/or spreading granular fertilizer. Accepted on 31st October 1968.

*Comprising in combination a central container, an air generator and a dosing device arranged on a tractor and distributor head or heads and flexible hoses arranged on a trailer coupled to the tractor.*

109150. McDowell-Wellman Engineering Company. Circular travelling grate machine. Accepted on 4th November 1968.

*Comprising a circular trackway, a plurality of pallets and means for moving it along trackway, gas confining hood means and windbox means, liquid sealing means between pallets and hood windbox means.*

109166. M. L. Kumria. A device for playing an indoor game. Accepted on 4th November 1968.

*Comprising a chart, atleast two sets of dices to be cast by the players in turn a plurality of tokens and a chart comprising starting square, a finishing square and a plurality of intermediate squares.*

109177. Indian Oxygen Limited. Shaped article subjected to thermal shock and contraction stress at low temperatures and a method of making such articles. (11th February 1966). Accepted on 4th November 1968.

*Comprising atleast partly cement bonded glass fibres.*

109181. Mrs. Nargis Sami Engineer. Improvements in or relating to a jet propulsion device for toys. Accepted on 6th November 1968.

*Comprising a cylindrical shaped member made of plastic, a toy, a pump device for compressing air into the cylindrical member.*

109186. Council of Scientific and Industrial Research. Electronic tachometer. Accepted on 6th November 1968.

*Comprises an electromagnetic pick up a permanent magnet, a solid state circuit a schmitt trigger circuit, a frequencing discriminator circuit, and a indicator.*

109206. Gosudarstvenny Nauchno-issledovatelsky i proektinstitut azotnoi promyshlennosti i produktov organicheskogo sinteza. Method for production of ammonium nitrite. Accepted on 5th November 1968.

*Characterized in that the reaction is carried out at a pressure of 2 to 7 atmospheres.*

109207. Nauchno-issledovatelsky institut legkogo mashinostroenia. A device for pressing articles preferably from glass materials. Accepted on 6th November 1968.

*Each of the pressing hydraulic cylinder is hydraulically connected to an additional hydraulic cylinder rotating synchronously with a table, the movable part of the said cylinder being connected to a profiled member.*

109239. Vyzkumny ustav pletarsky. Intra-uterine contraceptive device. Accepted on 2nd November 1968.

*Being made of synthetic macromolecular plastic material having the shape of two mutually connected substantially circular closed parts integrally connected to each other by a common joint.*

109249. Kawasaki Jukogyo Kabushiki Kaisha. A special pulsating blast system in a pneumatic mixer. Accepted on 6th November 1968.

*Comprising a conduit pipe for the flow of compressed blast into a silo, an electromagnetic valve having first and second members.*

109286. Catalysts and Chemicals, Inc. Production of hydrogen. (23rd March 1966). Accepted on 4th November 1968.

*Characterises in (a) minimizing the carbon monoxide content of the shift effluent and (b) maximizing the methane content of the reformer effluent.*

109353. Imperial Chemical Industries Limited. Conjugate filaments formed from polyamides and polyesters. Accepted on 31st October 1968.  
*Drawn conjugate filament comprising as one component a polyamide and as another component a polyester.*

109365. Dr. Biraja Bilash Paul. Continuous cane juice sulphiter. Accepted on 31st October 1968.  
*Comprises of a main reactor with means for uniform distribution of  $SO_2$  gas, soper, truncated cone with umbrella two concentric pipes, an absorption tower and a preconditioning chamber for thorough mixing.*

109414. The Dunlop Company Limited. Method for the manufacture of rubberized textile filamentary fabrics. (26th February 1966). [Addition to No. 93407]. Accepted on 4th November 1968.  
*Comprises longitudinally comprising textile filaments embedded in rubber composition and applying rubber composition to said filaments, while the latter is supported by an extensible sheet material having surface made of polychloroprene composition.*

109515. Podmoskovny gosudarstvenny proektokonstruktorskij i eksperimentalny institut gornogo mashinostroenia. Mechanized hydraulic timbering. Accepted on 7th November 1968.  
*Wherein the hydraulic system of each timbering section includes a valve or throttle for maintaining preset pressure in the operating space of the upright and a governor for maintaining the predetermined pressure in the upright operating space.*

109695. T. P. Engel. Improvements in or relating to apparatus and process for the preparation of polymeric materials. Accepted on 2nd November 1968.  
*Comprising mixing a thermoplastic material capable of forming a free radical with a cross linking agent, subjecting said mixture to instantaneous compression at a pressure in excess of 2000 atmospheres and thereafter shaping the mixture and causing cross linking of the shaped articles.*

109839. The British Petroleum Company Limited. Improvements in solid lubricant dispersions. Accepted on 6th November 1968.  
*By grinding a mixture of a natural or synthetic graphite and a sulphur containing material in a low boiling point low viscosity low surface tension, organic liquid.*

109909. Farbenfabriken Bayer Aktiengesellschaft. Anthraquinone dyestuffs. (13th December 1966). Accepted on 2nd November 1968.  
*Characterises in that anthraquinone containing atleast one reactive group in the  $\beta$ -position are reacted with phenols, alcohols, aromatic or aliphatic mercaptans or amines which contain phenyl radical which is substituted by atleast one acylamine methylene group or when anthraquinone contains atleast one phenyl radical in the  $\beta$ -position which may be attached via a bridge member are reacted with methylolamide or its derivative or with equivalent amount of formaldehyde and aliphatic or aromatic nitriles or amides or imides derived therefrom.*

110453. Babcock & Wilcox Limited. Improvements in pulvverising mills. (5th May 1966). Accepted on 29th October 1968.  
*Having acceptable, grinding surfaces and pneumatic recirculating means.*

110462. J. R. Geigy A. G. Compositions stabilized with alkylhydroxyphenylphosphates and—phosphites. Accepted on 31st October 1968.  
*A stabilized composition comprising organic material normally subject to deterioration and 0.001 to 10% by weight of alkylhydroxyphenyl phosphates or phosphites.*

110490. Egyesult Izzolampa Es Villamossagi Reszonytarsasag. Gas discharge tube. Accepted on 2nd November 1968.  
*Characterised in that the amalgam being accommodated in an opening in one of the supports of the luminescent tube—at a distance of  $0.5D$ — $0.8D$  from the centre line of the cathode spiral, D being the external diameter of the tube.*

110491. United States Steel Corporation. Apparatus for measuring temperatures. Accepted on 2nd November 1968.  
*Heated blackbody means mounted on a frame, thermal radiation detecting means and, analyzer means having a transmission direction.*

110496. Stamicarbon N. V. The preparation of  $\epsilon,\epsilon'$ -bis ( $\epsilon$ -caprolactam) and the preparation of polyamide from this substance. Accepted on 4th November 1968.  
*Comprises irradiating  $\epsilon$ -caprolactum in the liquid phase with ultra-violet radiation in the presence of an irradiation activation agent.*

110531. J. R. Geigy A. G. Process for the production of heavy metal containing azo dyestuffs dyeing organic material therewith and the material so dyed. Accepted on 5th November 1968.  
*By adding to a dicyclic metallised azo dyestuff containing one co-ordinative hexavalent heavy metal atom, a dicyclic metallising azo dyestuff and a disazo dyestuff bound in complex linkage to the heavy metal atom.*

110532. J. R. Geigy A. G. Process for the dyeing of organic fibre material. Accepted on 4th November 1968.  
*The improvement comprises in that the dye liquor contains as carrier a mixture of (a) amides of aliphatic monocarboxylic acid or amides of mixture of such acids with primary or secondary amines having atleast one hydroxy alkyl group (b) anion active dispersing agents from the class of aromatic sulphonlic acids.*

110540. Marshall Sons & Co., (India) Ltd. A wheel hub for trailer assemblies. Accepted on 2nd November 1968.  
*Comprises a bearing tube, a wheel disc and a stiffener rigidly fixed to the bearing tube and the wheel disc.*

110542. Marshall Sons. & Co. (India) Ltd. A detachable axle assembly for a low-loading trailer and a trailer assembly incorporating the same. Accepted on 2nd November 1968.  
*Comprises a shackle provided with a shackle pin hole and a knock-out pin hole to engage respectively a shackle pin and a knock-out pin.*

110550. Ciba Limited. New azine dyestuffs, processes for their manufacture and synthetic materials coloured therewith. Accepted on 31st October 1968.  
*Condensing an ortho-diaminonaphthalene with a diketone or condensing a dihalogenated quinoxaline with 2 mols of a hydroxyaryl compound or with 1 mol each of two different hydroxy and compounds in the presence of a Friedel-Crafts catalyst.*

110711. Borg-Warner Corporation. Audio-visual apparatus. Accepted on 4th November 1968.  
*Support means for supporting an integrated program unit, having a visual component and an audio component program unit advance mechanism, an audio reproduction system, and audio visual synchronisation means in response to movement of said visual component.*

110748. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of N-substituted phthalimides, phthalimides so produced and fungicidal compositions containing the same. Accepted on 4th November 1968.  
*Reacting a N-halomethyl-phthalimide with a mercapto compound and mixing the product with diluent or carrier for use as fungicide.*

110791. C K D Praha, Oborovy Podnik. Stuffing box seal of stems particularly for internal combustion engines. Accepted on 7th November 1968.

*Comprises own springing or a radial spring, two seal rings form a pair, comprising an inner seal ring and outer seal ring an angle co-axially on each other, where at least two pairs of seal rings stacked on each other bearing through an annular washer are loaded with a common spring.*

110864. Continental Can Company Inc. High current square wave power supply source. Accepted on 4th November 1968.

*Comprising a d.c. power source a transformer switch actuating means to apply square wave voltage to the primary winding of the transformer with current wave shaping means in parallel with said switching means and primary winding and a resistor in series with the secondary winding of the transformer.*

110944. FMC Corporation. Insecticidal compositions. Accepted on 5th November 1968

*Comprising a combination of a chrysanthemumate and in synergistic proportions therewith a di-2-propynyl [4, 5-(methylenedioxy)-2-propylbenzyl] phosphonate compound.*

110999. Shell Internationale Research Maatschappij N. V. Novel herbicides, their preparation and use. (8th June 1966). Accepted on 7th November 1968.

*Comprises as active ingredient an anilinoalkyl-carboxamides together with an inert carrier or a surface active agent or both an inert carrier and a surface active agent.*

111039. Atlas Copco Aktiebolag. Improvements in screw compressor units. Accepted on 4th November 1968.

*Two screw compressors, main and gate rotors with parallel axis in each said screw compressor, a power transmission casing with a power transmission in it, coupling means at one end of the transmission casing, flanging means for securing at least said two screw compressor to the power transmission casing at the opposite end of the transmission casing.*

111080. Siemens Aktiengesellschaft. Arrangements for load changing in tap changing transformers. Accepted on 4th November 1968.

*Wherein in respect of each of the two controllable semiconductor rectified means, there is a parallel arrangement of resistance and switch contacts which is connected in the alternating current input diagonal of a rectifier bridge with a capacitance in parallel with a resistance connected to the output of the bridge.*

111095. Gestetner Limited. New planographic printing plate and process for making the same. (14th June 1966). Accepted on 4th November 1968.

*Comprising a support sheet carrying a layer formed by a water-soluble urea—or melamine-formaldehyde resin and a water-soluble colloid containing free acid groups.*

111330. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to arrangements for detachably joining two parts or a lighting fitting. Accepted on 5th November 1968.

*Characterized in that independently of the relative positions of the parts to be joined, the joining member is continuously pressed by means of a spring against a stop in a position corresponding to the closed joint,*

111344. Council of Scientific and Industrial Research. Improvements in or relating to spark erosion machines. Accepted on 5th November 1968.

*Characterised in that a power transistor, a differentiator and rectifier, a pulse generator and a drive circuit are provided between a resistance and a capacitor to avoid intermittent arcing and damage to the job.*

111388. Esso Research and Engineering Company. Method of erecting masonry-type structures. Accepted on 4th November 1968.

*Comprising individual masonry building elements with 3 to 30% by weight of a bituminous binder being compacted to 70—98% of theoretical density and heat cured in an oxidising atmospheric at 360—500°F characterised by adhering on the contact outer surfaces of each element a thin glue line of organic resin based adhesive.*

111392. Shell Internationale Research Maatschappij N. V. A process for the production of endless articles from polyvinyl chloride foam and endless articles produced thereby. Accepted on 4th November 1968.

*Extrusion of a mixture of Pvc containing 5% plasticizer with a physical blowing agent whereby this mixture is pushed under pressure through a single shaft worm screw extruder, to a discharge orifice on leaving which said liquid evaporates.*

111662. Esso Research and Engineering Company. A process for preparing S-propenyl dihydrocarbyldithiophosphates and the compounds so prepared. Accepted on 4th November 1968.

*Reacting dehydrocarbyldithiophoric acid and methyl acetylene at -80°C—40°C in presence of a non chemical free radical initiator.*

111675. Nippon Kokan Kabushiki Kaisha. Method of and apparatus for refining molten metal. Accepted on 2nd November 1968.

*Characterized in that the steps of adding the purifying agent and stirring the molten metal being performed after the metal is poured into the vessel during a period of time when parts of the body of molten metal within the vessel are still in motion.*

111694. Moskovsky Zavod "Neftegaz". Concentrates for preparation of aqueous cutting fluid. Accepted on 4th November 1968.

*Aqueous cutting fluid containing mineral oil and a surfactant, and molybdenum disulphide with particles in the range 0.001 to 20μ range and with surfactants ammonium sodium or potassium sulphonate.*

111716. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of N-(trihalomethylthio)-N-trifluoromethylaminobenzamides and fungicidal composition containing the same. Accepted on 31st October 1968.

*Reacting fluorocarboxyl-N-(trihalomethylthio) N-trifluoromethylamino with amine NH<sub>2</sub>, R<sub>1</sub> in presence of acid-binding agents R<sub>2</sub> and R<sub>3</sub> being hydrogen or alkyl radicals.*

111785. The West Company. Pre-sterilized nipple package. Accepted on 5th November 1968.

*Sterilized nipple package for housing a retaining ring adapted to support a nipple on the open end of a container such as a bottle.*

111901. Buckman Laboratories, Inc. Improvements in or relating to methylene bisesters of thiolsulfonic acids and bactericidal compositions containing the same. Accepted on 4th November 1968.

*Comprises reacting in an organic solvent alkali metal salts of thiolsulfonic acids with methylene bromide or iodide.*

111998. United States Pipe and Foundry Company. Method for testing ductile iron castings. Accepted on 1st November 1968.

*Determining a load causing cracking in articles to be rejected, applying said load to a small area and determining whether crack has been formed or not.*

112069. Ministerul Industriei Chimice. Process for the diazotisation of 3-amino-1, 2, 4-triazole. Accepted on 4th November 1968

*Comprises in introducing a 38% Na No<sub>3</sub> solution in a solution of amine in 40% H<sub>2</sub> So<sub>4</sub>—the amine H<sub>2</sub> So<sub>4</sub> ratio being 1 : 3 and the temperature + 5°C.*

112080. N. V. Philips Gloeilampenfabrieken. Method of manufacturing binder-containing permanent magnets on a ferrite basis. Accepted on 2nd November 1968.  
*Mixture consisting of sintered ferrite powder and a binder is pressed into a moulding and is heated to a temperature 700°C to 1000°C.*

112103. Secretary to Government, Industries Department, Government of Kerala, Trivandrum, and K. S. P. M. Pillai. A quick method of retting of cocoanut husk viz. exocarp of the fruit from the tree "cocos nucifera". Accepted on 1st November 1968.  
*Mechanically pressing the husk, extracting the tanning material by heating with alkali solution, washing the treated husk with water and separating the fibres by methods known per. se.*

112106. Council of Scientific and Industrial Research. Improvements in or relating to electro-plating of chromium from aqueous electrolytes. Accepted on 6th November 1968.  
*Comprising using a tetrachromate based electrolyte with an addition agent (fluorine based inorganic compound), the electrolyte being operated at a temperature of 18°C to 38°C and at a current density of 2 to 65 amp/dm<sup>2</sup>.*

112552. Belpahar Refractories Limited. Improved method of manufacturing a composite refractory nozzle and the nozzle so made. Accepted on 6th November 1968.  
*Comprising independently forming the insert by the conventional method, the insert being either preformed or a chemically bonded body, placing the same in a mould or the shell, consolidating the refractory material to form the shell, in the space around the above and insert within the mould, thus forming the composite nozzle.*

112759. N. V. Philips Gloeilampenfabrieken. Method of manufacturing semi-conductor devices on substrates consisting of single crystals. Accepted on 2nd November 1968.  
*The semi conductor material is locally applied to the substrate in a combination with a solvent, is heated a temperature at which a molten solution is formed.*

112895. The Dunlop Company Limited. Improvements in and relating to elastomeric compositions. (29th October 1966). Accepted on 31st October 1968.  
*Comprising an elastomeric polyurethane and a laminar filler.*

113001. The Power-Gas Corporation Limited. Improvements in or relating to the production of urea phosphate. (2nd November 1966). Accepted on 7th November 1968.  
*Comprises in continuously with drawing urea phosphate crystal from a mother liquor there the weight ratio of H<sub>2</sub> Po<sub>4</sub> to Co (NH<sub>3</sub>)<sub>2</sub> is kept between a predetermined limit.*

113756. Joseph Lucas (Industries) Limited. Spark ignition systems for internal combustion engines. (23rd January 1967). Accepted on 2nd November 1968.  
*Comprise in combination an ignition coil, a semiconductor switch associated with primary winding a contact breaker, and means coupling the contact breaker to the semiconductor.*

113893. Gosudarstvenny nauchno-issledovatel'sky i proektny institut osnovnoi khimii. Evaporator. Accepted on 2nd November 1968.  
*Characterized in that burner is arranged along axis of vertical circulation pipe and an appliance being provided for heat exchange.*

114300. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to laminated glasses. Accepted on 7th November 1968.  
*Which include a layer of amorphous polyamide having a viscosity factor from 90 to 160.*

114461. Roussel-Uclaf. Processes for the preparation of aliphatic acid esters, and nitropentanenitriles and process for their preparation. (9th May 1967). Accepted on 6th November 1968.  
*Condensing a nitroethane with acrylonitrile, reacting the nitrile so produced with excess of mineral acid and treating the product with aliphatic alcohol.*

115676. N. V. Philips Gloeilampenfabrieken. Method of manufacturing anisotropic permanent magnets and magnets thus manufactured. Accepted on 5th November 1968.  
*Characterized in that the magnet body consisting of an alloy having 28 to 45% of Co., 10 to 20% of Ni, 7 to 9% of Al, 7 to 10% of Ti, up to 6% of Cu and otherwise mainly Fe is quenched from a temperature lying between 900°C and 1000°C.*

116174. Borg-Warner Corporation. Improvements in or relating to audio-visual programme units. [Divisional date 18th May 1967]. Accepted on 4th November 1968.  
*Visual component including a plurality of visual images and supporting means for them in a predetermined pattern, an audio component including an audio record having a plurality of individual audio messages recorded thereon, said messages corresponding to selected visual images and systems wherein an integrated audio and visual program unit can be employed in an absolutely synchronised audio-visual device.*

116267. T. C. Kuo and S. M. Hong. Improved lead pencil with pressurized lead driving means. Accepted on 4th November 1968.  
*Comprising a housing, and opening in the housing through which a piece of writing lead projects, means to support the lead, and pressurized, driving means for forcing piece of writing lead.*

116348. Esso Research and Engineering Company. Process for preparing organophosphorous compounds and the compounds so prepared. [Divisional date 25th July 1967]. Accepted on 4th November 1968.  
*Reacting S-propenyldihydrocarbyldithiophosphate with organic thiol between -80° and 100°C in presence of a free radical initiator.*

#### Opposition Proceedings

An opposition has been entered by Abhas Mukherjee to the grant of a patent on application No. 106751, made by Ciba Limited.

#### Patents Sealed

(1)

103341. 103633. 104809. 104930. 105077. 105112. 105151. 105848. 106867. 107300. 107323. 107416. 109715. 109868. 109874. 109924. 109960. 110408. 110553. 110579. 111041. 111042. 111072.

(2)

96938. 103346. 103979. 103980. 104068. 104162. 104215. 104245. 104272. 104301. 104330. 104381. 104420. 104424. 104440. 104452. 104468. 104566. 104618. 104622. 104632. 104652. 104684. 104787. 104796. 104800. 104848. 104968. 105057. 105067. 105117. 105124. 105133. 105311. 105312. 105373. 105385. 105446. 105495. 105512. 105518. 105524. 105562. 105629. 105681. 105740. 105748. 105753. 105808. 105888. 105904. 105917. 105928. 105962. 105965. 105992. 106026. 106231. 106235. 106392. 106493. 106523. 106524. 106544. 106818. 106843. 106848. 106958. 106988. 107022. 107034. 107089. 107109. 107111. 107138. 107145. 107337. 107349. 107432. 107516. 107569. 107648. 107666. 107713. 107742. 107801. 107803. 107886. 107947. 107949. 108070.

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(3)

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(4)

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 108078. 108108. 108138. 108233. 108271. 108307. 108347.  
 198574. 108740. 109026. 109482. 109493. 109494. 109503.  
 109591.

**Amendment Proceedings**

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Arthur David Steffee, a citizen of the United States of America, of Sherman Road, Gates Mills, Ohio, U.S.A. seek leave to amend the claims in the specification in respect of the patent application No. 105646. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Maumee Chemical Company, a Corporation organised under the laws of the State of Ohio, U.S.A., of 1310 Expressway Drive Toledo, Ohio, U.S.A., seek leave to amend the figures of the drawings in respect patent application No. 105985. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that the Singer Company a corporation organised and existing under the laws of the State of New Jersey, United States of America, of 321 First Street, Elizabethport F., New Jersey, United States of America,

seek leave to amend the description and claims in the specification of Patent application No. 110176. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rule, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act 1911 that Her Majesty's Postmaster General, of the General Post Office, St. Martin's-le-Grand, London, E.C.1, England, seek leave to amend the description and claims in the specification in respect of the patent application No. 115117. Any person desirous of opposing the application for amendment should at any time within the three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

**REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

72635. M/s. Hooker Chemical Corporation.

94426. II. Sm. Madhumati Ambalal Patel.

94426.I. Sarvashri Chimanlal Mohanlal Patel &amp; Narenkumar Madhavlal Patel.

**Renewal Fees Paid**

50635. 50910. 53241. 53302. 53307. 53342. 53343. 53395.  
 53432. 53447. 53448. 53579. 53665. 53670. 53688. 53777.  
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97461. 97475. 97569. 97842. 97852. 97864. 98897. 99553.  
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 101619. 102178. 102260. 102359. 102369. 102382. 102387.  
 102425. 102512. 103073. 103117. 103492. 103758.

#### Cessation of Patents

67405. 82288. 82711. 84429. 86447. 86448. 60042. 88898.  
 89349. 92329.

#### Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent.

No. 76169—Vinodchandra Bhagwandas Seth.

The patent ceased on the 10th April 1965, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 28th December, 1968.

(2)

An order has been made on 28-8-1968 Restoring the Patent No. 66016 dated as of the 2nd December 1958, granted to Max Amsler for "recording apparatus".

(3)

An order has been made on the 20th August 1968, Restoring the Patent No. 83756 dated as of the 18th August 1961, granted to English Drilling Equipment Co. Ltd., for "improvements relating to chucks for drilling apparatus".

(4)

An order has been made on the 14th August 1968, restoring the Patent No. 86904 dated as of the 12th March 1963, granted to California Research Corporation for "high analysis complex fertilizer preparation".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 133668. Prabodh Harkisondas Godiwala, (an Indian National), National Library Building, Swami Vivekanand Road, Bombay-50, (Maharashtra), "Boltfixer", April 27, 1968.

Class 1. No. 133674. Ramgopal Vaid and Kaushalyadevi Vaid, 19, Bhagwan Mansion, Cinema Road, Dhobi Talao, Bombay-1, Maharashtra State, Indian Subjects, "Fastening nut", April 27, 1968..

Class 3. No. 132894. Paramount Products, a registered partnership firm, Kakadestate IIInd Floor, 304-A, Kalbaudi Road, Bombay-2, Maharashtra (India), "Contrainers", January 24, 1968.

Class 3. No. 133040. Ramrao Ganpatrao Chaudhari Training School and Workshop, Bharat Heavy Electricals Limited, Ramachandrapuram, Hyderabad-32, Andhra Pradesh, An Indian National, "The containers", February 9, 1968.

Class 3. No. 133466. Shrikant Jain, Chandmal Srlmal and Kanakraj Parekh, all Indian Nationals, B. K. Plastic Industries, 33, Buitolla Street, Calcutta-7, State of West Bengal, India, "Tumbler", March 26, 1968.

Class 3. No. 133878. Shavax Khurshedji Karanjia, 3, Duaij, Court, First Floor, Colaba, Bombay-5, Maharashtra State, India, Indian Nationality, "A lavatory seat cover", May 28, 1968.

Class 6. No. 133671. Sports & Games, Industrial Area, Jullundur City, Punjab State, an Indian Partnership Firm, "Ball", April 27, 1968.

Class 13. Nos. 132937 & 132938. Sovrin Knit Works, Fatehgarh Road, Amritsar (Punjab), a registered firm of Indian nationality, "Textile piecegoods", May 3, 1968.

Class 13. Nos. 133721 to 133734. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", May 3, 1968.

Class 13. Nos. 133798 to 133801. The Bombay Dyeing & Mfg. Co., Ltd., a Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act, 1866, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton Textiles", May 15, 1968.

Class 13. Nos. 133818 to 133822. The Bombay Dyeing & Mfg. Co., Ltd., a Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act, 1866, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton Textiles", May 21, 1968.

Class 13. Nos. 133851 to 133860. Hindustan Embroidery Mills Private Limited, Chheharta (Amritsar) Punjab, India, Nationality: Indian Firm (A private Limited Company Incorporated under the Indian Companies Act), "Textile goods", May 23, 1968.

Class 13. Nos. 133943 to 133947. The Phoenix Mills Limited, Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", June 6, 1968.

Class 13. Nos. 133970 to 133976 and 133987 to 133993. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", June 10, 1968.

Class 13. Nos. 134004 to 134023. Jiyajeero Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", June 10, 1968.

Class 13. Nos. 134551 to 134553. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Bombay-1, Maharashtra, Nationality—Indian Company, "Textile goods", September 17, 1968.

Class 14. Nos. 133966 to 133969. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", June 10, 1968.

#### Cancellation of the Registration of Designs

An application has been made by Ashok Kumar for cancellation of the registration of Design No 132023 in the name of Electronic Products.

S. VEDARAMAN  
*Controller General of Patents, Designs and Trade Marks*